

Listing of Claims:

1 – 15. (Cancelled)

16. (Currently Amended) ~~The rotary friction welding machine according to Claim 10,~~ A rotary friction welding machine for joining or connecting components, comprising a first rotating spindle and a second non-rotating spindle, wherein a first component of the components being connected to one another is positioned on the first spindle and a second component of the components being connected to one another is positioned on the second spindle, wherein several flywheel mass bodies are positioned on the rotary friction welding machine, wherein the flywheel mass bodies cooperate with the first rotating spindle such that at least one of the flywheel mass bodies can be brought out of operating engagement or into operating engagement with the first rotating spindle, wherein flywheel mass bodies that are in operating engagement with the first rotating spindle and flywheel mass bodies that are out of operating engagement with the first rotating spindle are positioned on the rotary friction welding machine, and wherein the flywheel mass bodies are moveable back and forth between two magazine halves such that the flywheel mass bodies are in operating engagement with the first spindle in a position that is inserted into a first magazine half and out of operating engagement with the first spindle in a position that is inserted into a second magazine half.

17. (Previously Presented) The rotary friction welding machine according to Claim 16, wherein the first magazine half is rigidly connected to the first spindle and the second magazine half is rotatable as compared with the first spindle.

18. (Previously Presented) The rotary friction welding machine according to Claim 16, wherein the two magazine halves are embodied as a revolver magazine, wherein the two magazine halves have recesses to accommodate the flywheel mass bodies.

19. – 24. (Cancelled)

25. (Currently Amended) ~~The apparatus according to Claim 19,~~ An apparatus for rotary friction welding, comprising:

a rotary friction welding machine, including:

a first rotatable spindle;

a second non-rotatable spindle; and

a plurality of flywheel mass bodies;

wherein the plurality of flywheel mass bodies are positioned on the rotary friction welding machine, and wherein at least one of the plurality of flywheel mass bodies is operatively engageable and dis-engageable with the first rotatable spindle;

and wherein the plurality of flywheel mass bodies are moveable between a first and a second magazine half, ~~and~~ wherein when the at least one of the flywheel mass bodies is operatively engaged with the first rotatable spindle the at least one of the flywheel mass bodies is inserted into the first magazine half, and wherein when the at least one of the flywheel mass bodies is operatively dis-engaged with the first rotatable spindle the at least one of the flywheel mass bodies is inserted into the second magazine half.

26. (Previously Presented) The apparatus according to Claim 25, wherein the first magazine half is rigidly connected to the first rotatable spindle and the second magazine half is rotatable with respect to the first rotatable spindle.

27. – 28. (Cancelled)